

AN: PAT 2003-222250  
TI: Fuel dosing device for direct injection has inner injection body with injector drive and covering round this body to form storage facility for fluid link with injection nozzle and fuel connector  
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AB: NOVELTY - An inner injection body (21) holds an injector drive mechanism (5). A covering (2) partly surrounds the inner injection body in respect of its radius so that a storage facility (12) forms between both these to run round them in the form of a gap, in order to maintain a fluid link with an injection nozzle (10) and a fuel connector (14) without any throttle applied. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for producing a dosing device.; USE - In motor vehicles with petrol engines. ADVANTAGE - This device is particularly suitable as a direct fuel injector for reducing variations in pressure during an opening procedure. DESCRIPTION OF DRAWING(S) - The drawing shows a cross-section of a direct petrol injection valve. Covering 2 Injector drive mechanism 5 Injection nozzle 10 Storage facility 12 Fuel connector 14 Inner injection body 21  
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